

# **NOTIFICATION OF ADDENDUM**

## **ADDENDUM NO. 1**

**DATED 3/30/2011**

<b>Control</b>	<b>0540-04-065</b>
<b>Project</b>	<b>STP 2011(871)</b>
<b>Highway</b>	<b>FM 2154</b>
<b>County</b>	<b>BRAZOS</b>

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2011(871)

CONTROL: 0540-04-065

COUNTY: BRAZOS

LETTING: 04/05/2011

REFERENCE NO: 0329

**PROPOSAL ADDENDUMS**

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\_ PROPOSAL COVER

X BID INSERTS (SH. NO.: 1-3.

)

X GENERAL NOTES (SH. NO.: A,B, AND C

)

\_ SPEC LIST (SH. NO.:

)

\_ SPECIAL PROVISIONS:

ADDED:

DELETED:

\_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEETS

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

BID INSETS: SHEET 1-3: REVISED QUANTITY FOR ITEM 346-2002.

GENERAL NOTES: SHEET A: REVISED BOE.

SHEET B: REVISED SEQUENCE OF WORK.

SHEET C: REVISED ITEM 346.

PLAN SHEETS: THE FOLLOWING SHEETS WERE REPLACED: 3, 4, 4A, 4B AND 8.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	104	2029		REMOVING CONC (CURB OR CURB & GUT- TER)  DOLLARS and CENTS	LF	44.000	1
	346	2002		STONE-MTRX-ASPH SMA-C SAC-A PG76-22 DOLLARS and CENTS	TON	4,718.000	2
	351	2018		FLEXIBLE PAVEMENT STRUCTURE REPAIR(17")  DOLLARS and CENTS	SY	748.000	3
	354	2045		PLANE ASPH CONC PAV (2")  DOLLARS and CENTS	SY	33,033.000	4
	500	2001	005	MOBILIZATION  DOLLARS and CENTS	LS	1.000	5
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING  DOLLARS and CENTS	MO	2.000	6
	529	2002		CONC CURB (TY II)  DOLLARS and CENTS	LF	34.000	7
	529	2004		CONC CURB & GUTTER (TY II)  DOLLARS and CENTS	LF	10.000	8
	530	2002		INTERSECTIONS (ACP)  DOLLARS and CENTS	EA	1.000	9
	530	2008		DRIVEWAYS (ACP)  DOLLARS and CENTS	EA	2.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	662	2113		WK ZN PAV MRK SHT TERM (TAB) TY W DOLLARS and CENTS	EA	929.000	11
	662	2115		WK ZN PAV MRK SHT TERM (TAB) TY Y-2 DOLLARS and CENTS	EA	902.000	12
	666	2003		REFL PAV MRK TY I (W) 4" (BRK)(100MIL) DOLLARS and CENTS	LF	2,487.000	13
	666	2012		REFL PAV MRK TY I (W) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	228.000	14
	666	2036		REFL PAV MRK TY I (W) 8" (SLD)(100MIL) DOLLARS and CENTS	LF	2,778.000	15
	666	2042		REFL PAV MRK TY I (W) 12"(SLD)(100MIL) DOLLARS and CENTS	LF	1,398.000	16
	666	2048		REFL PAV MRK TY I (W) 24"(SLD)(100MIL) DOLLARS and CENTS	LF	540.000	17
	666	2054		REFL PAV MRK TY I (W) (ARROW) (100MIL) DOLLARS and CENTS	EA	23.000	18
	666	2069		REFL PAV MRK TY I(W)(DBL ARROW)(100MIL) DOLLARS and CENTS	EA	4.000	19
	666	2084		REFL PAV MRK TY I(W)(RR XING) (100MIL) DOLLARS and CENTS	EA	4.000	20

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2096		REFL PAV MRK TY I (W) (WORD) (100MIL) DOLLARS and CENTS	EA	17.000	21
	666	2105		REFL PAV MRK TY I (Y) 4" (BRK)(100MIL) DOLLARS and CENTS	LF	702.000	22
	666	2111		REFL PAV MRK TY I (Y) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	13,240.000	23
	672	2012	034	REFL PAV MRKR TY I-C DOLLARS and CENTS	EA	288.000	24
	672	2015	034	REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	614.000	25
	677	2001		ELIM EXT PAV MRK & MRKS ( 4") DOLLARS and CENTS	LF	800.000	26
	678	2001		PAV SURF PREP FOR MRK ( 4") DOLLARS and CENTS	LF	800.000	27
	688	2002		VEH LP DETECT (SAWCUT) DOLLARS and CENTS	LF	320.000	28

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**Sheet: 4**

**Highway: FM 2154**

**Control: 0540-04-065**

**County: Brazos**

General Notes:

### **B A S I S   O F   E S T I M A T E**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>COURSE</b>	<b>RATE</b>	<b>AMOUNT</b>	<b>QUANTITY</b>
346	STONE-MTRX-ASPH SMA-C SAC-A PG 76-22	2 1/2"	288 LB/SY	32,765 SY	4,718 TON

Note: Rates are for estimating purposes only. Actual Rates will be determined in the field.

#### **GENERAL:**

Wiring coding will be done in accordance with the NEC (National Electrical Code).

#### **ITEM 7 “LEGAL RELATIONS AND RESPONSIBILITIES”**

In the event of the declaration of a hurricane watch, warning, other severe weather warning or national or state emergency that requires the roadways in the vicinity be used as evacuation routes, cease all work that requires the Contractor's, sub-contractors' or material suppliers' vehicles to enter the stream of traffic on these primary or secondary evacuation routes. This work includes material hauling and delivery, and mobilization or demobilization of equipment.

The following roadways are recognized evacuation routes in the Bryan District:

Primary Evacuation Routes: IH 45, US 290, SH 6, SH 36

Secondary Evacuation Routes: US 79, US 84, SH 7, SH 30, SH 21, SH 105.

Other routes may be designated.

#### **ITEM 8 “PROSECUTION AND PROGRESS”**

Plane only what can be milled and inlayed the same day.

At the end of each work day, provide 100 foot minimum grade tapers longitudinal to the centerline to transition differences in the profile grade line or roadway grade.

Work is allowed to be performed during the nighttime.

Work in the travel lanes (including lane closures) is not allowed from 6:00 am to 7:00 pm Monday through Saturday, unless approved by the engineer.

Equipment and material may be pre-staged at approved locations.

For this contract only, Article 8.3 of the Standard Specifications apply.

By noon of each Wednesday, provide the Engineer a written outline of the daily work schedule for the following week. Include in the outline the times and places for proposed traffic control changes, lane and shoulder closures, and moving operations or other operations that affect traffic on the roadway. Unless otherwise authorized by the Engineer, prosecute the work on this project in accordance with the following sequence of work:

- 1) Set advance signing and barricades.
- 2) Remove, repair and replace curb & gutter.
- 3) Plane 2 1/2" existing HMA
- 4) Place 2 1/2" SMA
- 5) Place temporary tabs
- 6) Install Vehicle Loop Detectors
- 7) Place final striping
- 8) Final cleanup.

Some of these operations may be performed simultaneously.

#### **ITEM 346 "STONE MATRIX ASPHALT"**

<b>Hamburg Wheel Test Requirements</b>			
<b>High-Temperature Binder Grade</b>	<b>Test Method</b>	<b>Laboratory Mixture Design or Trial Batch</b>	<b>Production and Placement Test<sup>1</sup></b>
		<b>Minimum # of Passes @ 0.5" Rut Depth, Tested @ 122°F</b>	<b>Minimum # of Passes @ 0.5" Rut Depth, Tested @ 122°F</b>
PG 64 or lower	Tex-242-F	7,000	7,000
PG 70	Tex-242-F	15,000	15,000
PG 76 or higher	Tex-242-F	20,000	20,000

<sup>1</sup>. The Engineer may accept if no more than 1 of the 5 most recent Hamburg Wheel tests is below the specified number of passes and the failing test is no more than 2,000 passes below the specified number of passes.

Use aggregate that meets the SAC requirement of class A.

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Apply tack coat through a distributor spray bar in accordance with Article 316.3(A) Distributor. If residual from emulsion tack is not tacky, then the Engineer can require the use of PG binder.

Taper SMA flush with top of gutter and existing concrete pavement.

#### **ITEM 351 “REPAIRING EXISTING FLEXIBLE PAVEMENT STRUCTURE”**

Mixing of cement treated base may be performed on the road or at a stationary mixing plant.

Take ownership of Reclaimed Asphalt Material.

Use of a motor grader will not be permitted for asphalt concrete pavement.

#### **ITEM 354 “PLANING AND TEXTURING PAVEMENT”**

Schedule the work so that planing and Inlay are complete the same workday.

Existing raised pavement markers in the proposed work area are to be removed prior to planing operations. This item will be considered subsidiary.

#### **ITEM 502 “BARRICADES, SIGNS AND TRAFFIC HANDLING”**

Provide construction fencing as approved at all work locations to protect pedestrian or bicycle traffic. This material and its placement will be considered subsidiary to Item 502.

Law enforcement assistance will be required for this project and is expected to be required for major traffic control changes and lane closures. Coordinate with local law enforcement and arrange for law enforcement as directed or agreed by the Engineer. Complete the weekly tracking form provided by the department and submit invoices that agree with the tracking form for payment at the end of each month approved services were provided.

#### **ITEM 666 “REFLECTORIZED PAVEMENT MARKINGS”**

Furnish Type II drop-on glass traffic beads conforming to DMS-8290 for use with Type I marking materials.

Unless authorized by the Engineer, the Contractor will not place the pavement markings on the resurfaced roadway until it has cured for 3 days.



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All striping limits must be approved by the Engineer before striping operations may begin.

Use an acrylic sealer on concrete pavement.

**ITEM 672 “RAISED PAVEMENT MARKERS”**

Use flexible bituminous adhesive for applications on all pavement types.

**ITEM 678 “PAVEMENT SURFACE PREPARATION FOR MARKINGS”**

It is not anticipated that pavement surface preparation for markings will be needed. If the Engineer determines that it is needed, payment for work will be determined in accordance with Article 9.4 “Payment for Extra Work”.

**ITEM 688 “PEDESTRIAN DETECTORS AND VEHICLE LOOP DETECTORS”**

Do not install loop detectors using the drilled corner detail.

Extend the stop bar loop detectors 2 feet in front of the stop bar.

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